ABSTRACT

A method and model-based communication system are disclosed that determine whether a specific model to more accurately represent a particular object is

5 available so that the complexity of a model adaptation process during a communication secession can be reduced. A generic model can be initially used to start the communication sequence. Once an object has been identified by pattern recognition methods, an adapted model, if available, is switched/used for the mode-based coding. If the adapted model is not available, a generic model may be customized and later

10 switched for the generic model.